

Leading causes of hospitalization, by age
King County, 2008-2012 average

Source: Washington State Department of Health, Office of Hospital and Patient Data Systems, Hospital Discharge Data.

Rank	King County			For age <1, see Infant hospitalization causes	Age 1-14			Age 15-24			Age 25-44			Age 45-64			Age 65 and older		
		Rate	Count per Year			Rate	Count per Year		Rate	Count per Year		Rate	Count per Year		Rate	Count per Year		Rate	Count per Year
All Causes		8764.1	168534			1481.8	4756		41572.0	10294		6395.3	30959		7426.7	38624		23538.7	49938
1	Pregnancy- childbirth complications	1229.5	25423		Respiratory infections	171.2	549	Pregnancy/ childbirth complications	1873.9	4640	Pregnancy/ childbirth complications	3390.6	20708	Heart disease	818.1	4254	Heart disease	3743.5	7942
2	Heart disease	689.8	13135		Asthma	164.1	527	Mental illness	630.8	1562	Mental illness	538.8	3291	Cancer and benigh tumors	701.0	3645	Unintentional injuries	2279.1	4835
3	Unintentional injuries	541.9	10428		Unintentional injuries	139.3	447	Unintentional injuries	260.7	646	Unintentional injuries	274.5	1676	Mental illness	624.6	3248	Cancer and benigh tumors	1464.9	3108
4	Mental illness	488.5	9762		Lower gastrointestinal disorders	118.0	379	Lower gastrointestinal disorders	194.6	482	Cancer and benigh tumors	212.8	1300	Unintentional injuries	530.9	2761	Osteoarthritis	1340.3	2843
5	Cancer and benign tumors	434.4	8535		Mental illness	81.5	262	Cancer and benigh tumors	92.5	229	Lower gastrointestinal disorders	192.4	1175	Osteoarthritis	447.7	2328	Infectious and parasitic diseases	1239.0	2629
6	Osteoarthritis	274.2	5287		Cancer and benigh tumors	77.3	248	Self-inflicted injuries	73.2	181	Heart disease	134.2	820	Lower gastrointestinal disorders	306.4	1593	Stroke	1230.4	2610
7	Lower gastrointestinal disorders	270.5	5234		Epilepsy, convulsions	69.3	222	Diabetes with complications	61.7	153	Skin infections	119.5	730	Infectious and parasitic diseases	301.6	1568	Respiratory infections	991.6	2104
8	Infectious and parasitic diseases	268.8	5172		Congenital anomalies	69.2	222	Infectious and parasitic diseases	57.7	143	Infectious and parasitic diseases	108.1	660	Spinal joint disease	259.1	1348	Lower gastrointestinal disorders	751.5	1594
9	Respiratory infections	242.5	4503		Skin infections	39.7	127	Skin infections	54.9	136	Spinal joint disease	90.3	552	Stoke	197.5	1027	Urinary tract infections	664.2	1409
10	Stroke	205.3	3839		Infectious and parasitic diseases	32.8	105	Assult	52.3	130	Biliary tract disease	75.2	459	Skin infections	185.1	963	Mental illness	656.8	1393

Notes:

Pregnancy and child-birth complications: Major complications include prolonged pregnancy, high blood pressure (e.g. preeclampsia, eclampsia).
Heart disease: Major sub-causes include congestive heart failure, cardiac dysrhythmias, acute myocardial infarction (i.e. heart attack), and coronary artery disease.
Unintentional injuries: Major sub-causes include falls, motor vehicle accidents, and poisoning.
Mental illness: Major sub-causes include bipolar disorder, depression, schizophrenia, and alcohol and substance-related disorders.
Cancer and benign tumors: Major sub-causes include uterine cancer, colorectal cancer, prostate cancer, lung cancer, and lymphatic cancer.
Lower gastrointestinal disorders: Major sub-causes include intestinal obstruction without hernia, appendicitis, and diverticulitis.
Infectious and parasitic diseases: Major sub-causes include septicemia (bacterial infection of the blood) and viral infection.
Respiratory infections: Major sub-causes include pneumonia and acute bronchitis.
Spinal joint disease: Major sub-causes include intervertebral disc disorders, spondylosis, and spinal stenosis.
Congenital abnormalities: Major sub-causes include heart and digestive anomalies.

* Too few cases to protect confidentiality and/or report reliable rates
§ Too few cases to meet precision standard, interpret with caution
See also Infant Death Causes
Rate = Hospitalizations per 100,000 population.

Prepared By: Public Health - Seattle & King County;
Assessment, Policy Development, & Evaluation, 10/2014

Leading causes of hospitalization, by gender

King County, 2008-2012 average

Source: Washington State Department of Health, Office of Hospital and Patient Data Systems, Hospital Discharge Data.

Rank	King County			Females			Males		
		Rate	Count per Year		Rate	Count per Year		Rate	Count per Year
All Causes		8771.3	168673		9889.9	99141		7765.1	69532
1	Pregnancy-childbirth complications	1229.5	25423	Pregnancy-childbirth complications	2510.0	25423	Heart disease	850.9	7312
2	Heart disease	689.8	13135	Heart disease	553.1	5822	Unintentional injuries	574.9	5156
3	Unintentional injuries	541.9	10428	Unintentional injuries	498.5	5271	Mental illness	489.9	4843
4	Mental illness	488.5	9762	Mental illness	487.8	4920	Cancer and benign tumors	400.5	3656
5	Cancer and benign tumors	434.4	8535	Cancer and benign tumors	475.8	4882	Infectious and parasitic diseases	303.2	2624
6	Osteoarthritis	274.2	5287	Osteoarthritis	305.8	3135	Lower gastrointestinal disorders	276.8	2561
7	Lower gastrointestinal disorders	270.5	5234	Lower gastrointestinal disorders	263.3	2672	Respiratory infections	265.2	2225
8	Infectious and parasitic diseases	268.8	5172	Infectious and parasitic diseases	242.2	2548	Osteoarthritis	237.4	2152
9	Respiratory infections	242.5	4503	Respiratory infections	226.0	2278	Stroke	226.7	1858
10	Stroke	205.3	3839	Stroke	186.9	1981	Spinal joint disease	159.5	1510

Notes:

Pregnancy and child-birth complications: Major complications include prolonged pregnancy, high blood pressure (e.g. preeclampsia, eclampsia),

Heart disease: Major sub-causes include congestive heart failure, cardiac dysrhythmias, acute myocardial infarction (i.e. heart attack), and coronary artery disease.

Unintentional injuries: Major sub-causes include falls, motor vehicle accidents, and poisoning.

Mental illness: Major sub-causes include bipolar disorder, depression, schizophrenia, and alcohol and substance-related disorders.

Cancer and benign tumors: Major sub-causes include uterine cancer, colorectal cancer, prostate cancer, lung cancer, and lymphatic cancer.

Lower gastrointestinal disorders: Major sub-causes include intestinal obstruction without hernia, appendicitis, and diverticulitis.

Infectious and parasitic diseases: Major sub-causes include septicemia (bacterial infection of the blood) and viral infection.

Respiratory infections: Major sub-causes include pneumonia and acute bronchitis.

Spinal joint disease: Major sub-causes include intervertebral disc disorders, spondylosis, and spinal stenosis.

Congenital abnormalities: Major sub-causes include heart and digestive anomalies.

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Prepared By: Public Health - Seattle & King County;

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**Leading causes of infant hospitalization
King County, 2008-2012 average**

Source: Washington State Department of Health, Office of Hospital and Patient Data Systems, Hospital Discharge Data.

Leading Infant Death Causes			
Rank	Age <1		
		Rate	Count per Year
All Causes		106113.8	26003
1	Newborn delivery	97059.4	23785
2	Respiratory infections	1611.1	395
3	Jaundice	1480.5	363
4	Congenital anomalies	1027.5	252
5	Urinary tract infections	390.1	96
6	Unintentional injuries	268.5	66
7	Infectious and parasitic diseases	210.6	52
8	Upper gastrointestinal disorders	168.1	41
9	Short gestation & low birth weight	167.3	41
10	Fever of unknown origin	157.5	39

Notes:

Newborn delivery refers to routine hospitalization of a newborn infant after birth.

Respiratory infections: Major sub-causes include pneumonia and acute bronchitis.

Infectious and parasitic diseases: Major sub-causes include septicemia (bacterial infection of the blood) and viral infection.

Congenital anomalies: Major sub-causes include heart and digestive anomalies.

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Leading causes of hospitalization, by neighborhood poverty level

King County, 2008-2012 average

Source: Washington State Department of Health, Office of Hospital and Patient Data Systems, Hospital Discharge Data.

Rank	King County			High Poverty			Medium Poverty			Low Poverty		
		Rate	Count per Year		Rate	Count per Year		Rate	Count per Year		Rate	Count per Year
All Causes		8771.3	168673		10876.7	12958		8714.3	134784		7799.8	19071
1	Pregnancy-childbirth complications	1229.5	25423	Pregnancy-childbirth complications	1088.8	1693	Pregnancy-childbirth complications	1235.6	20599	Pregnancy-childbirth complications	1295.6	2984
2	Heart disease	689.8	13135	Mental illness	893.8	1114	Heart disease	683.7	10533	Heart disease	586.6	1431
3	Unintentional injuries	541.9	10428	Heart disease	902.4	1010	Unintentional injuries	536.1	8306	Unintentional injuries	478.7	1158
4	Mental illness	488.5	9762	Unintentional injuries	715.2	840	Mental illness	476.4	7562	Cancer and benign tumors	421.5	1148
5	Cancer and benign tumors	434.4	8535	Cancer and benign tumors	447.3	509	Cancer and benign tumors	429.8	6772	Mental illness	389.7	963
6	Osteoarthritis	274.2	5287	Infectious and parasitic diseases	390.4	448	Infectious and parasitic diseases	272.1	4229	Osteoarthritis	318.3	831
7	Lower gastrointestinal disorders	270.5	5234	Respiratory infections	385.9	435	Osteoarthritis	266.8	4144	Lower gastrointestinal disorders	281.0	719
8	Infectious and parasitic diseases	268.8	5172	Skin infections	309.1	366	Lower gastrointestinal disorders	265.8	4105	Infectious and parasitic diseases	181.0	439
9	Respiratory infections	242.5	4503	Lower gastrointestinal disorders	296.9	356	Respiratory infections	240.0	3584	Respiratory infections	181.2	436
10	Stroke	205.3	3839	Stroke	243.4	267	Stroke	204.8	3108	Stroke	178.5	423

Notes:

Pregnancy and child-birth complications: Major complications include prolonged pregnancy, high blood pressure (e.g. preeclampsia, eclampsia),

Heart disease: Major sub-causes include congestive heart failure, cardiac dysrhythmias, acute myocardial infarction (i.e. heart attack), and coronary artery disease.

Unintentional injuries: Major sub-causes include falls, motor vehicle accidents, and poisoning.

Mental illness: Major sub-causes include bipolar disorder, depression, schizophrenia, and alcohol and substance-related disorders.

Cancer and benign tumors: Major sub-causes include uterine cancer, colorectal cancer, prostate cancer, lung cancer, and lymphatic cancer.

Lower gastrointestinal disorders: Major sub-causes include intestinal obstruction without hernia, appendicitis, and diverticulitis.

Infectious and parasitic diseases: Major sub-causes include septicemia (bacterial infection of the blood) and viral infection.

Respiratory infections: Major sub-causes include pneumonia and acute bronchitis.

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Leading causes of hospitalization, by region

King County, 2008-2012 average

Source: Washington State Department of Health, Office of Hospital and Patient Data Systems, Hospital Discharge Data.

Rank	King County			East Region			North Region			Seattle			South Region		
		Rate	Count per Year		Rate	Count per Year		Rate	Count per Year		Rate	Count per Year		Rate	Count per Year
	All Causes	8771.3	168673		7620.2	34873		8603.0	15187		8470.9	50427		9960.8	68041
1	Pregnancy-childbirth complications	1229.5	25423	Pregnancy-childbirth complications	1217.9	5699	Pregnancy-childbirth complications	1183.1	1880	Pregnancy-childbirth complications	971.9	7294	Pregnancy-childbirth complications	1526.1	10549
2	Heart disease	689.8	13135	Heart disease	550.4	2537	Heart disease	658.8	1307	Heart disease	660.4	3845	Heart disease	824.4	5445
3	Unintentional injuries	541.9	10428	Unintentional injuries	452.5	2068	Unintentional injuries	552.3	1064	Mental illness	568.2	3648	Unintentional injuries	579.7	3866
4	Mental illness	488.5	9762	Cancer and benign tumors	401.0	1941	Mental illness	528.4	912	Unintentional injuries	569.9	3429	Mental illness	483.8	3382
5	Cancer and benign tumors	434.4	8535	Mental illness	398.9	1820	Cancer and benign tumors	446.6	854	Cancer and benign tumors	432.7	2559	Cancer and benign tumors	457.0	3184
6	Osteoarthritis	274.2	5287	Osteoarthritis	298.5	1411	Infectious and parasitic diseases	319.9	629	Infectious and parasitic diseases	313.6	1870	Lower gastrointestinal disorders	305.6	2086
7	Lower gastrointestinal disorders	270.5	5234	Lower gastrointestinal disorders	258.3	1206	Osteoarthritis	277.7	543	Lower gastrointestinal disorders	239.6	1434	Respiratory infections	296.4	1954
8	Infectious and parasitic diseases	268.8	5172	Infectious and parasitic diseases	176.7	808	Lower gastrointestinal disorders	284.1	507	Osteoarthritis	246.4	1399	Osteoarthritis	279.3	1934
9	Respiratory infections	242.5	4503	Respiratory infections	177.8	802	Stroke	199.0	400	Respiratory infections	242.1	1351	Infectious and parasitic diseases	278.8	1865
10	Stroke	205.3	3839	Stroke	165.8	748	Respiratory infections	217.9	396	Stroke	193.1	1104	Stroke	246.0	1587

Notes:

Pregnancy and child-birth complications: Major complications include prolonged pregnancy, high blood pressure (e.g. preeclampsia, eclampsia),
Heart disease: Major sub-causes include congestive heart failure, cardiac dysrhythmias, acute myocardial infarction (i.e. heart attack), and coronary artery disease.
Unintentional injuries: Major sub-causes include falls, motor vehicle accidents, and poisoning.
Mental illness: Major sub-causes include bipolar disorder, depression, schizophrenia, and alcohol and substance-related disorders.
Cancer and benign tumors: Major sub-causes include uterine cancer, colorectal cancer, prostate cancer, lung cancer, and lymphatic cancer.
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Leading causes of hospitalization, by comparison areas

Source: Washington State Department of Health, Office of Hospital and Patient Data Systems, Hospital Discharge Data.

Rank	Washington State (2011)			King County (2011)		
		Rate	Annual Count		Rate	Annual Count
All Causes		9418.1	129677		8635.4	33700
1	Newborn delivery	1261.1	15885	Newborn delivery	1315.0	4728
2	Heart disease	776.7	11132	Heart disease	642.7	2501
3	Mental illness	460.6	6335	Mental illness	497.4	2006
4	Cancer	422.2	6069	Cancer	410.6	1640
5	Pregnancy complications	426.2	5645	Hospitalization recommended for labor & delivery	354.2	1480
6	Hospitalization recommended for labor & delivery	357.5	4697	Pregnancy complications	342.7	1418
7	Infectious and parasitic diseases	327.8	4656	Labor complications	280.7	1184
8	Osteoarthritis	306.5	4584	Unintentional falls	303.0	1165
9	Unintentional falls	324.5	4551	Infectious and parasitic diseases	295.5	1161
10	Respiratory infections	294.8	4044	Osteoarthritis	281.3	1122
11	Lower gastrointestinal disorders	290.6	4028	Lower gastrointestinal disorders	254.6	997
12	Fractures	263.4	3673	Fractures	243.8	944
13	Labor complications	274.8	3664	Respiratory infections	241.9	909
14	Stroke	216.2	3069	Stroke	202.7	776

Notes:

Newborn delivery refers to routine hospitalization of a newborn infant after birth.

Heart disease: Major sub-causes include congestive heart failure, cardiac dysrhythmias, acute myocardial infarction (i.e. heart attack), and coronary artery disease.

Mental illness: Major sub-causes include bipolar disorder, depression, schizophrenia, and alcohol and substance-related disorders.

Cancer: Major sub-causes include benign uterine cancer, colorectal cancer, prostate cancer, lung cancer, and lymphatic cancer.

Major reasons why women are hospitalized for labor and delivery include: previous cesarean section, amniotic fluid/cavity complications, fetal malpresentation, and uterine inertia.

Labor complications: Major complications include first and second degree perineal laceration and umbilical cord complications.

Pregnancy complications: Major complications include prolonged pregnancy and high blood pressure (e.g. preeclampsia, eclampsia).

Lower gastrointestinal disorders: Major sub-causes include intestinal obstruction without hernia, appendicitis, and diverticulitis.

Respiratory infections: Major sub-causes include pneumonia and acute bronchitis.

Infectious and parasitic diseases: Major sub-causes include septicemia (bacterial infection of the blood) and viral infection.

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